

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

NUCLEAR FACTORS ASSOCIATED WITH TRANSCRIPTIONAL REGULATION

the specification of which (check one)

☐ is attached hereto.

☒ was filed on November 13, 1991 as
Application Serial No. 07/791,898 (if applicable).
and was amended on _____

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

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Prior Foreign Application(s)

Priority
Claimed

(Number)	(Country)	(Day/Month/Year filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
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07/280,173	December 5, 1988	Pending
07/341,436	April 21, 1989	Pending
07/162,680	March 1, 1988	Abandoned
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James M. Smith	Registration No. 28,043
Leo R. Reynolds	Registration No. 20,884
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Send correspondence to: Patricia Granahan, Esq.
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617-861-6240

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Full name of sole
or first inventor David Baltimore
Inventor's
Signature  Date 31 Dec 91
Residence President's House, Rockefeller University
1230 York Avenue, New York, NY 10021
Citizenship U.S.A.
Post Office Address same as above

Full name of second joint
inventor, if any Ranjan Sen
Second Inventor's
Signature _____ Date _____
Residence 236 Allston Street
Cambridge, MA 92139
Citizenship India
Post Office Address same as above

Full name of third joint
inventor, if any Phillip A. Sharp
Third Inventor's
Signature _____ Date _____
Residence 119 Grasmere Street
Newton, MA 02158
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Post Office Address same as above

Full name of fourth joint
inventor, if any Harinder Singh
Fourth Inventor's
Signature _____ Date _____
Residence 1700 East 56th Street, #1309
Chicago, IL 60637-1934
Citizenship India
Post Office Address same as above

Full name of fifth joint

inventor, if any Louis Staudt

Fifth Inventor's

Signature _____ Date _____

Residence 9309 Greyrock Road

Silver Springs, MD 20910

Citizenship U.S.A.

Post Office Address same as above

Full name of sixth joint

inventor, if any Jonathan LeBowitz

Sixth Inventor's

Signature _____ Date _____

Residence 27 Crescent Road

Belmont, MA 02178

Citizenship U.S.A.

Post Office Address same as above

Full name of seventh joint

inventor, if any Albert S. Baldwin, Jr.

Seventh Inventor's

Signature _____ Date _____

Residence 34 South Gate Park

West Newton, MA 02165

Citizenship U.S.A.

Post Office Address same as above

Full name of eighth joint

inventor, if any Roger Clerc

Eighth Inventor's

Signature _____ Date _____

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inventor, if any Lynn M. Corcoran

Ninth inventor's

Signature _____ Date _____

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2003741-010403

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204070-104070

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Full name of second joint
inventor, if any Ranjan Sen
Second Inventor's
Signature *Ranjan Sen* Date 02/10/92
Residence 236 Allston Street 104 KINNAIRD ST.
Cambridge, MA 02139 CAMBRIDGE MA. 021
Citizenship India R.S.
Post Office Address same as above

Full name of third joint
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Signature _____ Date _____
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Post Office Address same as above

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inventor, if any Jonathan LeBowitz
Sixth Inventor's
Signature _____ Date _____
Residence 27 Crescent Road
Belmont, MA 02178
Citizenship U.S.A.
Post Office Address same as above

Full name of seventh joint

inventor, if any Albert S. Baldwin, Jr.
Seventh Inventor's
Signature _____ Date _____
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Post Office Address same as above

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inventor, if any Roger Clerc
Eighth Inventor's
Signature _____ Date _____
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Ninth inventor's
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204070 "THE ZEPHYRUS"

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204070-010403

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40037341.010402

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Third Inventor's
Signature Phillip A. Sharp Date 1/8/82
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inventor, if any Jonathan LeBowitz
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Signature _____ Date _____
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Post Office Address same as above

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204070-740000

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Signature _____ Date _____
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Post Office Address same as above

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inventor, if any Ranjan Sen
Second Inventor's
Signature _____ Date _____
Residence 236 Allston Street
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Citizenship India
Post Office Address same as above

Full name of third joint
inventor, if any Phillip A. Sharp
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Signature _____ Date _____
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Full name of fourth joint
inventor, if any Harinder Singh
Fourth Inventor's
Signature _____ Date _____
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Chicago, IL 60637-1934
Citizenship India
Post Office Address same as above

Full name of fifth joint

inventor, if any Louis Staudt
Fifth Inventor's
Signature *Louis M. Staudt* Date 1-10-82
Residence 9309 Greyrock Road
Silver Springs, MD 20910
Citizenship U.S.A.
Post Office Address same as above

Full name of sixth joint

inventor, if any Jonathan LeBowitz
Sixth Inventor's
Signature _____ Date _____
Residence 27 Crescent Road
Belmont, MA 02178
Citizenship U.S.A.
Post Office Address same as above

Full name of seventh joint

inventor, if any Albert S. Baldwin, Jr.
Seventh Inventor's
Signature _____ Date _____
Residence 34 South Gate Park
West Newton, MA 02165
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Post Office Address same as above

Full name of eighth joint

inventor, if any Roger Clerc
Eighth Inventor's
Signature _____ Date _____
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inventor, if any Lynn M. Corcoran
Ninth inventor's
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2040341-310402

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Signature _____ Date _____
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204074-010402

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204070 "FEE" 100394

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inventor, if any Ranjan Sen
Second Inventor's
Signature _____ Date _____
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Cambridge, MA 92139
Citizenship India
Post Office Address same as above

Full name of third joint
inventor, if any Phillip A. Sharp
Third Inventor's
Signature _____ Date _____
Residence 119 Grasmere Street
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Post Office Address same as above

Full name of fourth joint
inventor, if any Harinder Singh
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Signature _____ Date _____
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Silver Springs, MD 20910

Citizenship U.S.A.

Post Office Address same as above

Full name of sixth joint

inventor, if any Jonathan LeBowitz JONATHAN H. LeBowitz (92)

Sixth Inventor's

Signature [Signature] Date 2/12/92

Residence 27 Crescent Road

35 IRONGATE DRIVE

Belmont, MA 02178

Zionsville, IN 46077

Citizenship U.S.A.

USA

Post Office Address same as above (92)

Full name of seventh joint

inventor, if any Albert S. Baldwin, Jr.

Seventh Inventor's

Signature _____ Date _____

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Full name of eighth joint

inventor, if any Roger Clerc

Eighth Inventor's

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204210" T424E001

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Signature _____ Date _____

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Signature _____ Date _____

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Post Office Address same as above

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inventor, if any Albert S. Baldwin, Jr.

Seventh Inventor's

Signature Albert S. Baldwin Jr Date 12/31/91

Residence 34 South Gate Park 901 GROVE ST.

West Newton, MA 02165 CHAPEL HILL, NC 27514

Citizenship U.S.A.

Post Office Address same as above

ASA
12/30/91

Full name of eighth joint

inventor, if any Roger Clerc

Eighth Inventor's

Signature _____ Date _____

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Brighton, MA 02135

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Ninth inventor's

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2040741-010403

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inventor, if any G/ Roger/Clerc

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Signature *R. Clerc* Date 01/11/1982

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204074-010406

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

NUCLEAR FACTORS ASSOCIATED WITH TRANSCRIPTIONAL REGULATION

the specification of which (check one)

☐ is attached hereto.

☒ was filed on November 13, 1991 as
Application Serial No. 07/791,898 (if applicable).
and was amended on _____

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

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Prior Foreign Application(s)

			Priority Claimed	
(Number)	(Country)	(Day/Month/Year filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>

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07/280,173	December 5, 1988	Pending
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617-861-6240

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Full name of sole
or first inventor David Baltimore
Inventor's
Signature _____ Date _____
Residence President's House, Rockefeller University
1230 York Avenue, New York, NY 10021
Citizenship U.S.A.
Post Office Address same as above

Full name of second joint
inventor, if any Ranjan Sen
Second Inventor's
Signature _____ Date _____
Residence 236 Allston Street
Cambridge, MA 92139
Citizenship India
Post Office Address same as above

Full name of third joint
inventor, if any Phillip A. Sharp
Third Inventor's
Signature _____ Date _____
Residence 119 Grasmere Street
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Post Office Address same as above

Full name of fourth joint
inventor, if any Harinder Singh
Fourth Inventor's
Signature _____ Date _____
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Full name of sixth joint
inventor, if any Jonathan LeBowitz
Sixth Inventor's
Signature _____ Date _____
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Post Office Address same as above

Full name of seventh joint
inventor, if any Albert S. Baldwin, Jr.
Seventh Inventor's
Signature _____ Date _____
Residence 34 South Gate Park
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Full name of eighth joint
inventor, if any Roger Clerc
Eighth Inventor's
Signature _____ Date _____
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Brighton, MA 02135
Citizenship Switzerland
Post Office Address same as above

Full name of ninth joint
inventor, if any Lynn M. Corcoran
Ninth inventor's
Signature Lynn M. Corcoran Date 2/1/77
Residence 31 Bridge Street
Port Melbourne, Victoria Australia 3207
Citizenship U.S.A.
Post Office Address same as above

204090 "T424001"

Full name of tenth joint

inventor, if any Patrick A. Baeuerle

Fifth Inventor's

Signature Date

Residence Am Bogen 25

D-8031 Eichenau, Germany

Citizenship Germany

Post Office Address same as above

Full name of eleventh joint

inventor, if any Michael J. Lenardo

Sixth Inventor's

Signature Date

Residence 9117 Falls Chapel Way

Potomac, MD 20854-2453

Citizenship U.S.A.

Post Office Address same as above

Full name of twelfth joint

inventor, if any Chen-Ming Fan

Seventh Inventor's

Signature Date

Residence 30 Warren Avenue, Apt. 2A

Somerville, MA 02143

Citizenship Taiwan

Post Office Address same as above

Full name of thirteenth joint

inventor, if any Tom Maniatis

Eighth Inventor's

Signature Date

Residence 456 Belmont Street, Apt. 17

Watertown, MA 02172

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Post Office Address same as above

Full name of fourteenth joint

inventor, if any

Ninth inventor's

Signature Date

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Post Office Address

204070-1-010402

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204070 "THESEOT"

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Thomas O. Hoover	Registration No. 32,470
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617-861-6240

2040741-010402

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or first inventor David Baltimore
Inventor's
Signature _____ Date _____
Residence President's House, Rockefeller University
1230 York Avenue, New York, NY 10021
Citizenship U.S.A.
Post Office Address same as above

Full name of second joint
inventor, if any Ranjan Sen
Second Inventor's
Signature _____ Date _____
Residence 236 Allston Street
Cambridge, MA 92139
Citizenship India
Post Office Address same as above

Full name of third joint
inventor, if any Phillip A. Sharp
Third Inventor's
Signature _____ Date _____
Residence 119 Grasmere Street
Newton, MA 02158
Citizenship U.S.A.
Post Office Address same as above

Full name of fourth joint
inventor, if any Harinder Singh
Fourth Inventor's
Signature _____ Date _____
Residence 1700 East 56th Street, #1309
Chicago, IL 60637-1934
Citizenship India
Post Office Address same as above

Full name of fifth joint

inventor, if any Louis Staudt

Fifth Inventor's

Signature _____ Date _____

Residence 9309 Greyrock Road

Silver Springs, MD 20910

Citizenship U.S.A.

Post Office Address same as above

Full name of sixth joint

inventor, if any Jonathan LeBowitz

Sixth Inventor's

Signature _____ Date _____

Residence 27 Crescent Road

Belmont, MA 02178

Citizenship U.S.A.

Post Office Address same as above

Full name of seventh joint

inventor, if any Albert S. Baldwin, Jr.

Seventh Inventor's

Signature _____ Date _____

Residence 34 South Gate Park

West Newton, MA 02165

Citizenship U.S.A.

Post Office Address same as above

Full name of eighth joint

inventor, if any Roger Clerc

Eighth Inventor's

Signature _____ Date _____

Residence 129 Parsons Road

Brighton, MA 02135

Citizenship Switzerland

Post Office Address same as above

Full name of ninth joint

inventor, if any Lynn M. Corcoran

Ninth inventor's

Signature _____ Date _____

Residence 109 Beacon Street, Apt. 1

Boston, MA 02116

Citizenship U.S.A.

Post Office Address same as above

204070-1-010407

Full name of tenth joint
inventor, if any Patrick A. Baeuerle
Fifth Inventor's
Signature *Patrick A. Baeuerle* Date 12/27/91
Residence Am Bogen 25
D-8031 Eichenau, Germany
Citizenship Germany
Post Office Address same as above

Full name of eleventh joint
inventor, if any Michael J. Lenardo
Sixth Inventor's
Signature _____ Date _____
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Potomac, MD 20854-2453
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Post Office Address same as above

Full name of twelfth joint
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Signature _____ Date _____
Residence 30 Warren Avenue, Apt. 2A
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Citizenship Taiwan
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Full name of thirteenth joint
inventor, if any Tom Maniatis
Eighth Inventor's
Signature _____ Date _____
Residence 456 Belmont Street, Apt. 17
Watertown, MA 02172
Citizenship U.S.A.
Post Office Address same as above

Full name of fourteenth joint
inventor, if any _____
Ninth inventor's
Signature _____ Date _____
Residence _____
Citizenship _____

10037341-010403

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Signature _____ Date _____
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inventor, if any Roger Clerc
Eighth Inventor's
Signature _____ Date _____
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inventor, if any Lynn M. Corcoran
Ninth inventor's
Signature _____ Date _____
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204044-010402

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Signature _____ Date _____
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Post Office Address same as above

Full name of eleventh joint
inventor, if any Michael J. Lenardo
Sixth Inventor's
Signature Michael J. Lenardo Date 1/6/91
Residence 9117 Falls Chapel Way
Potomac, MD 20854-2453
Citizenship U.S.A.
Post Office Address same as above

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Post Office Address _____

2025 RELEASE UNDER E.O. 14176

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2025-10-24 10:44:00

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204074 "THE SCOT"

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Seventh Inventor's
Signature *Chen-Ming Fan* Date 12/26/91
Residence 30 Warren Avenue, Apt. 2A 1016 Funssten Ave. #1
Somerville, MA 02143 San Francisco, MA 02103
Citizenship Taiwan
Post Office Address same as above

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Signature _____ Date _____
Residence _____
Citizenship _____

204070 THE EEOC

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

NUCLEAR FACTORS ASSOCIATED WITH TRANSCRIPTIONAL REGULATION

the specification of which (check one)

☐ is attached hereto.

☒ was filed on November 13, 1991 as
Application Serial No. 07/791,898 (if applicable).
and was amended on _____

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

			Priority Claimed	
(Number)	(Country)	(Day/Month/Year filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

06/817,441	January 9, 1986	Abandoned
07/155,207	February 12, 1988	Abandoned
07/280,173	December 5, 1988	Pending
07/341,436	April 21, 1989	Pending
07/162,680	March 1, 1988	Abandoned
07/318,901	March 3, 1989	Pending
06/946,365	December 24, 1986	Pending

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

I also hereby grant additional Powers of Attorney to the following attorney(s) and/or agent(s) to file and prosecute an international application under the Patent Cooperation Treaty based upon the above-identified application, including a power to meet all designated office requirements for designated states.

David E. Brook	Registration No. 22,592
James M. Smith	Registration No. 28,043
Leo R. Reynolds	Registration No. 20,884
Richard A. Wise	Registration No. 18,041
Patricia Granahan	Registration No. 32,227
Mary Lou Wakimura	Registration No. 31,804
Thomas O. Hoover	Registration No. 32,470
Alice O. Carroll	Registration No. 33,542

all of Hamilton, Brook, Smith and Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02173;

and

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Direct telephone calls to: Patricia Granahan, Esq.

617-861-6240

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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or first inventor David Baltimore
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Full name of third joint
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Full name of seventh joint

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Full name of eighth joint

inventor, if any Roger Clerc

Eighth Inventor's

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Ninth inventor's

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204070 "THE 400"

Full name of tenth joint
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Fifth Inventor's
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Full name of thirteenth joint
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Eighth Inventor's
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Citizenship U.S.A.
Post Office Address same as above

Full name of fourteenth joint
inventor, if any _____
Ninth inventor's
Signature Thomas Maniatis Date 1/22/91
Residence _____
Citizenship _____
Post Office Address _____

10037341-010402

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assistant Commissioner for Patents
Washington, DC 20231

REVOCATION OF PRIOR POWERS OF ATTORNEY AND APPOINTMENT OF NEW POWER OF ATTORNEY

Sir:

Massachusetts Institute of Technology, the Assignee of certain rights, titles and interest in the patent applications listed below by virtue of Assignment documents of record in the Patent Office, hereby revokes all previous powers of attorney with respect to these patent applications heretofore granted and appoints the following attorneys with full power of substitution and revocation to prosecute applications and transact all business in the U.S. Patent and Trademark Office connected therewith:

Donald W. Muirhead	Reg. No. 33,978	Charles H. Cella	Reg. No. 38,099
Beth E. Arnold	Reg. No. 35,430	John C. Gorecki	Reg. No. 38,471
Matthew P. Vincent	Reg. No. 36,709	Edward J. Kelly	Reg. No. 38,936
Isabelle M. Clauss	Reg. No. (see attached)	Sayoko Blodgett-Ford	Reg. No. 40,516

all of the Patent Group of Foley, Hoag & Eliot LLP at One Post Office Square, Boston, MA 02109.

APPLICANTS	SERIAL NO.	TITLE	FILING DATE
Baltimore, et al.	08/418,266	Nuclear Factors Associated with Transcriptional Regulation	06 April 1995
Baltimore, et al.	08/463,397	Nuclear Factors Associated with Transcriptional Regulation	05 June 1995
Baltimore, et al.	08/464,364	Nuclear Factors Associated with Transcriptional Regulation	05 June 1995
Pomerantz, et al.	08/366,083	Chimeric Transcription Factors	29 Dec. 1994
Sen, R. and Baltimore, D.	946,365	Method of Inducible Gene Expression	23 Dec. 1986
Baeurle, P. and Baltimore, D.	07/162,680	Activation of NF- κ B Precursor	01 March 1988
Baeurle, P. and Baltimore, D.	07/318,901	Activation of NF- κ B Precursor	03 March 1989
Lenardo, et al.	07/341,436	NF- κ B - Mediated Transcriptional Regulation	21 April 1989

The undersigned, whose title is supplied below, is empowered to sign this Revocation and New Power of Attorney on behalf of the Assignee. The original copy of this Revocation and New Power of Attorney is being filed in U.S. Patent Application No. 08/418,266.

Dated: Oct 30, 1997

Jarmila Z. Hrbeek

JARMILA Z. HRBEK

PRINT OR TYPE NAME OF PERSON SIGNING

Patent Administrator and
TITLE Office Manager

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**GENERAL REVOCATION OF PRIOR POWERS OF ATTORNEY AND
APPOINTMENT OF NEW POWER OF ATTORNEY OR AUTHORIZATION OF AGENTS**

Commissioner for Patents
Washington, DC 20231

Dear Sir:

Ariad Pharmaceuticals, Inc., hereby revokes all previous powers of attorney and authorizations of agent previously granted to Foley, Hoag & Eliot.

The following attorneys or agents of the Patent Group at Ropes & Gray, and all other attorneys or agents affiliated with Customer No. 28120, are hereby appointed to prosecute applications and transact all business in the United States Patent and Trademark Office:

I hereby appoint Madeline F. Baer, Reg. No. 36,437; Steven J. Baughman, Reg. No. P-47,414; Johnny Y. Chen, Reg. No. 46,614; Gregory G. Glover, Reg. No. 34,173; William G. Gosz, Reg. No.: 27,787; Patricia Granahan, Reg. No. 32,227; David P. Halstead, Reg. No. 44,735; Daniel Hansburg, Reg. No. 36,156; Edward J. Kelly, Reg. No. 38,936; Robert A. Mazzaresse, Reg. No. 42,852; Sanjay Sitlani, Reg. No. 47,558; Wolfgang Stutius, Reg. No. 40,256; Matthew P. Vincent, Reg. No. 36,709; as attorneys/agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

Patent Group
Ropes & Gray
One International Place
Boston, MA 02110-2624

Customer No.: 28120

The undersigned, whose title is supplied below, is empowered to sign this Revocation and New Power of Attorney on behalf of the Assignee.

The original copy of this Revocation and New Power of Attorney is being filed in U.S. Patent Application No. 08/975,040.

Respectfully submitted,

6/6/01
Date

8551955.1

David L Bernstein
Officer
DAVID L BERNSTEIN
Print or Type Name of Person Signing
SENIOR VP- CHIEF PATENT COUNSEL
Title